

What is Claimed:

1 1. A Machine Learning trading system for automatically sending
2 Buy or Sell trading orders for selected securities, according to self-optimized trading
3 strategies and parameters, from trader's computer to computerized market
4 exchanges, comprising of the following modules:

5 Data Feed module for receiving real-time and historical trading data on
6 a variety of securities from a remote data server;

7 Trading software module as a means of building trading strategy that
8 generates optimal and/or self-optimized Buy/Sell trading signals based on a number
9 of optimized trading parameters;

10 Machine Learning Mechanism module that takes previously optimized
11 Buy/Sell signals and its trading results as an input for building new Buy/Sell signals
12 based on a new and updated trading results, trading data and trading parameters;

13 Automatic execution platform as a means of transferring self-optimized
14 Buy/Sell orders from trader's computer to computerized exchanges, automatically
15 and completely without human intervention.

1 2. The system of claim 1, further comprising means of choosing
2 order execution preferences in order to route automatic Buy/Sell order to a
3 preferable execution channel.

1 3. The system of claim 1, further comprising means of choosing
2 order type and other execution details to suit trader's individual trading preferences
3 and style.

1 4. The system of claim 1, further comprising means enabling a
2 trader personal order adjustments according to his preferences and current market
3 conditions.

1 5. The system of claim 1, further comprising means of receiving
2 order execution particulars.

1 6. The system of claim 1, further comprising means of handling
2 partial order execution cases and readjusting the system when partial order
3 execution has occurred.

1 7. The system of claim 1, further comprising software for storing
2 and accounting trader's profit/loss information according to order execution details.